

HUMAN TSPAN8 PROTEIN, HFC TAG

Cat.#: 11801

Product Name: Human TSPAN8 Protein

Size: 10 µg, 50 µg and 100 µg

Synonyms: CO-029;TM4SF3

Target: TSPAN8

UNIPROT ID: P19075

Description: Recombinant Human TSPAN8 with N-terminal human Fc tag

Background: The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein that is known to complex with integrins. This gene is expressed in different carcinomas. The use of alternate polyadenylation sites has been found for this gene. [provided by RefSeq, Jul 2008]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 37.1 kDa after removal of the signal peptide. The apparent molecular mass of hFc-TSPAN8 is approximately 40-55 kDa due to glycosylation.

Molecular Characterization: hFc(Glu99-Ala330) TSPAN8(Lys110-Asn205)

Purity: The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

Storage & Shipping: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

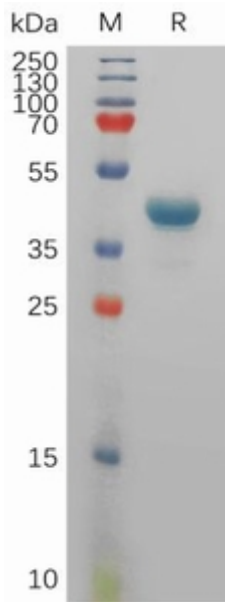


Figure 1. Human TSPAN8 Protein, hFc Tag on SDS-PAGE under reducing condition.